Priscilla Choo

List of Publications by Year
in descending order

12 papers	**686** citations	840776 **11** h-index	1199594 **12** g-index
13 all docs	**13** docs citations	**13** times ranked	**1045** citing authors

#	Article	IF	Citations
1	A SERS-based lateral flow assay biosensor for highly sensitive detection of HIV-1 DNA. Biosensors and Bioelectronics, 2016, 78, 530-537.	10.1	304
2	Ultranarrow plasmon resonances from annealed nanoparticle lattices. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23380-23384.	7.1	80
3	Nanoparticle Shape Determines Dynamics of Targeting Nanoconstructs on Cell Membranes. Journal of the American Chemical Society, 2021, 143, 4550-4555.	13.7	50
4	Plasmonic Photoelectrocatalysis in Copper–Platinum Core–Shell Nanoparticle Lattices. Nano Letters, 2021, 21, 1523-1529.	9.1	44
5	Using Good's Buffers To Control the Anisotropic Structure and Optical Properties of Spiky Gold Nanoparticles for Refractive Index Sensing. ACS Applied Nano Materials, 2019, 2, 5266-5271.	5.0	43
6	Manipulating Immune Activation of Macrophages by Tuning the Oligonucleotide Composition of Gold Nanoparticles. Bioconjugate Chemistry, 2019, 30, 2032-2037.	3.6	36
7	Creation of Single-Photon Emitters in WSe_2 Monolayers Using Nanometer-Sized Gold Tips. Nano Letters, 2020, 20, 5866-5872.	9.1	33
8	Plasmonic nanostar photocathodes for optically-controlled directional currents. Nature Communications, 2020, 11, 1367.	12.8	32
9	Gold Nanoparticle Templating Increases the Catalytic Rate of an Amylase, Maltase, and Glucokinase Multienzyme Cascade through Substrate Channeling Independent of Surface Curvature. ACS Catalysis, 2021, 11, 627-638.	11.2	19
10	Investigating Reaction Intermediates during the Seedless Growth of Gold Nanostars Using Electron Tomography. ACS Nano, 2022, 16, 4408-4414.	14.6	16
11	Single-Nanoparticle Orientation Sensing by Deep Learning. ACS Central Science, 2020, 6, 2339-2346.	11.3	15
12	Wavelength-Dependent Differential Interference Contrast Inversion of Anisotropic Gold Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 27024-27031.	3.1	14